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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **RECEIVED**

APR 23 2003

In re Application of:
Mark J. Halstead, et al.

Technology Center 2100

Appl. No.: 09/998,683

Art Unit: 2185

Filed: November 30, 2001

Examiner: N/A

For: REVERSING A COMMUNICATION PATH
BETWEEN STORAGE DEVICES

Atty Docket: EMS-02302

Certificate of Mailing

I hereby certify that the foregoing document is being deposited with the United States Postal Service, postage prepaid, first class mail, in an envelope addressed to the Commissioner of Patents, Washington, D.C. 20231 on this 16th day of April, 2003.


Name: Tracey Newell

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
Washington, D.C. 20231

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicant and/or their attorney in compliance with the requirements of 37 C.F.R. § 1.56. Copies of the documents are also being submitted.

In accordance with 37 C.F.R. 1.97(b)(4), Applicant believes that no fee is due since this Information Disclosure Statement (IDS) is submitted before the mailing of the first Office Action.

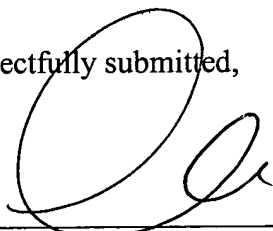
The Examiner is respectfully requested to initial the space adjacent to each document on the PTO-1449 form and return a copy of the PTO-1449 form to confirm that these documents

have been considered by the Examiner and made of record in this application. These references were cited in a foreign search report which is also enclosed.

Although we believe that we have appropriately provided for any fees due in connection with this submission, the Commissioner is authorized to credit any overpayment or charge any deficiencies to/from our **Deposit Account No. 03-1721**. Two originally-executed copies of this form are being submitted.

Should there be any questions after reviewing this paper, the Examiner is invited to contact the undersigned at (617) 248-4042.

Respectfully submitted,



Anne E. Saturnelli, Reg. No. 41,290

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Date: April 16, 2003



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PATENT TRADEMARK OFFICE